Event

MPTS IJET
FCL 4201
T-45

Mission

FCLP SAFE-FOR-SOLO
0.7 HOURS/X

ORM

FCL 4201

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

FCL 4201

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

SSR/DISCUSS ITEMS

FCL 4201

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **DEMONSTRATE PROPER WAVEOFF TECHNIQUE AND LINEUP ADJUSTMENTS.**

- **PREREQUISITES:**
  - **FCL 3101**
  - **FCL 4101**

- **DISCUSS ITEMS:**

  FAM 4601
  - **NATOPS/SOP/EP QOD, COMMUNICATIONS, PREFLIGHT/GROUND OPS, AND PATTERN ENTRY.**

SYLLABUS NOTES

FCL 4201

A. FLY THIS EVENT FROM THE FRONT COCKPIT.

B. FLIGHT WILL BE AN EVALUATION OF THE SAFETY OF THE STUDENT TO SOLO IN THE LANDING PATTERN.

C. UP TO THREE FCLP/CQL EVENTS MAY BE SCHEDULED PER DAY.

D. HEADWORK/SITUATIONAL AWARENESS, GENERAL KNOWLEDGE/PROCEDURES, AND BASIC AIRWORK ARE THE ONLY GRADED ITEMS ON FCL 4201.

ADMIN (CARD)

FCL 4201

- **A/C – ATC C/S – CREW**
- **BRIEF / WALK / TAKEOFF / LAND TIMES**
- **ATC CLEARANCE / DD-175**
- **FUEL PLAN/LADDER**
- **LINE / T/O / ABORT / RPM**
- **COMM PLAN**
- **NAV PLAN**

ADMIN

FCL 4201

- **LAUNCH**
  - **WEATHER / NOTAMS / TFR / BASH**
  - **PREFLIGHT / START / TAXI**
  - **ITO**
  - **SWAPPING OF CONTROLS**
  - **ENROUTE PROCEDURES**
  - **RADALT USAGE**

- **RTB**
  - **RECOVERY**
  - **DIVERTS**

CONDUCT

FCL 4201

- **TIMS RESUME REVIEW**

- **PRACTICE:**
  - **CHECKLISTS/COMM/GROUND OPS**
  - **TAKEOFF/DEPARTURE/FLIGHT ADMIN**
  - **ENROUTE NAVIGATION**
  - **DESCENT/FIELD ENTRY**
  - **FCLP PATTERN**
  - **START POSTION**
  - **AOA CONTROL**
  - **GLIDESLOPE CONTROL**

CONDUCT

FCL 4201

- **PRACTICE CONTINUED:**
  - **POWER CONTROL**
  - **LINEUP CONTROL**
  - **ERROR DETECTION/CORRECTION**
  - **RESPONSE TO LSO CALLS**
  - **BOLTER/T+G TECHNIQUE**
  - **FIELD CARRIER LANDING**
  - **WAVEOFF**
  - **FULL-STOP LANDING**
  - **SPECIAL SYLLABUS REQUIREMENT**

BLOCK MIF

FCL 4201

CTS REF	MANEUVER	FCL4201
1	General Knowledge/Procedures	4+
2	Emergency Procedures	1
3	Headwork/Situational Awareness	4+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	1+
6	Communications	1+
7	Ground Operations	1+

CTS REF	MANEUVER	FCL4201
8	Flight Admin	1+
10	Takeoff	1+
11	Departure	1
12	Enroute Navigation	1
13	Descent/Field Entry	1+
52 23	FCLP Pattern	1+
52 23	Start Position	1+
52 23	AOA Control	1+
52 23	Glideslope Control	1+
52 23	Power Control	1+
52 23	Lineup Control	1+
52 23	Error Detection/Correction	1+
52	Response to LSO Calls	1+
52 23	Bolter/Touch-and-Go Technique	1+
52 23	Field Carrier Landing	1+
52 24	Waveoff	1+
23	Full-Stop Landing	1+
	Special Syllabus Requirements	1

Emergencies

FCL 4201

- **AIRCRAFT FALLOUT**
- **CLEAR ENGINE PROCEDURE**
- **ABORTED TAKEOFF**
- **RWY DEP / LOSS OF DIRECTIONAL CONTROL**
- **SYSTEM FAILURES/ EPs / CRM**
- **BIRD STRIKE/ MIDAIR**
- **RADIO/ ICS FAILURE**
- **LOSS OF NAVAIDS / LOST PLANE**
- **INADVERTENT IMC / LOST SIGHT / LCLS**
- **DISORIENTATION / VERTIGO**
- **HYPOXIA**
- **EJECTION (HIGH / LOW / GROUND)**
- **SAR / ON SCENE COMMANDER**
- **DIVERT(S) / BINGO FUEL TO DIVERT**

STANDARD DEBRIEFING FORMAT

FCL 4201

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED